

JC10 Rec'd PCT/P10 09 MAY 2005

U. S. PATENT AND TRADEMARK OFFICE  
U. S. DEPARTMENT OF COMMERCE

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

21145YP

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/534291**

INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE  
PCT/US03/35316 6 November 2003

PRIORITY DATE CLAIMED  
12 November 2002

**TITLE OF INVENTION**

PHENYLCARBOXAMIDE BETA-SECRETASE INHIBITORS FOR THE TREATMENT OF ALZHEIMER'S DISEASE

**APPLICANT(S) FOR DO/EO/US**

Craig A. Coburn, Shawn J. Stachel and Joseph P. Vacca

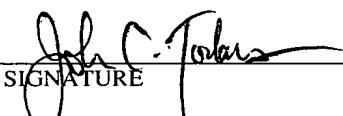
**Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:**

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (PCT Article 31).
5.  A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)].
  - a.  is attached hereto
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)].
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].
9.  An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

**Items 11 to 20 below concern other document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).  
**EXpress MAIL CERTIFICATE**  
**DATE OF DEPOSIT May 9, 2005**  
**EXPRESS MAIL NO. EV #2134274005**  
**I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS**  
**BEING DEPOSITED WITH THE UNITED STATES POSTAL**  
**SERVICE AS EXPRESS MAIL "POST OFFICE TO ADDRESSEE"**  
**ON THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO**  
**COMMISSIONER FOR PATENTS, P.O. BOX 1450,**  
**ALEXANDRIA, VIRGINIA 22313-1450**
20.  Other items or information:

JC14 Rec'd PCT/PTO 09 MAY 2005

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/534291</b>		INTERNATIONAL APPLICATION NO. PCT/US03/35316	ATTORNEY'S DOCKET NUMBER 21145YP	
The following fees are submitted:		<b>CALCULATIONS</b>		<b>PTO USE ONLY</b>
21. <input checked="" type="checkbox"/> Basic national fee.....		\$300		\$300.00
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....		\$100		
All other situations.....		\$200		\$200.00
23. <input checked="" type="checkbox"/> Search fee Search fee [37 CFR 1.445(a)(2)] has been paid on the international application to the USPTO as an International Searching Authority.....		\$100		
International Search Report prepared and provided to the Office.....		\$400		
All other situations.....		\$500		\$400.00
		<b>TOTAL OF 21, 22 and 23=</b>		<b>\$900.00</b>
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
63 - 100 =	0 /50	0 = 0	X \$250.00	\$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)].				
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	16 - 20 =	0	X \$50.00	\$0.00
Independent Claims	1 - 3 =	0	X \$200.00	\$0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360.00		
		<b>TOTAL OF ABOVE CALCULATIONS (SUBTOTAL)</b>		<b>= \$900.00</b>
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		+		
		<b>TOTAL NATIONAL FEE</b>		<b>= \$900.00</b>
Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.		+		
		<b>TOTAL FEES ENCLOSED</b>		<b>= \$900.00</b>
		Amount to be refunded:		
		Amount to be charged:		
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.				
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-2755</u> in the amount of <u>\$900.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.				
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. <u>13-2755</u> . A duplicate copy of this sheet is enclosed.				
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the International Application to pending status.				
SEND ALL CORRESPONDENCE TO: <b>Customer No. 000210</b>				
MERCK & CO., INC. Patent Department, RY60-30 P.O. Box 2000 126 East Lincoln Avenue Rahway, New Jersey 07065-0970				
DATE: <u>May 9, 2005</u>				
PHONE #: <u>(732) 594-0125</u>				
SIGNATURE  John C. Todaro NAME 36,036 REGISTRATION NUMBER				